

cell type indicated is HT1080, since a random activation method was used, these sequence tags are not necessarily expressed in HT1080 under normal circumstances.

BASE COUNT 51 a 21 c 27 g 31 t

ORIGIN

Alignment Scores:

Pred. No.:

Score:

Percent Similarity:

Best Local Similarity:

Query Match:

DB:

1.01e+03

28.00

100.00%

Conservative: 0

Mismatches: 0

Indels: 0

Gaps: 0

US-09-856-070-26 (1-5) x BG19430 (1-130)

QY 1 GlnAspTyrgluGlu 5

|||||

DB 66 CAAGATTACGAGAG 80

RESULT 4

LOCUS BG219430

DEFINITION RST39188 Athersys RAGE Library Homo sapiens cDNA, mRNA sequence.

ACCESSION BG219430

VERSION BG219430.1 GI:13745451

KEYWORDS EST.

SOURCE human.

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1 (bases 1 to 130)

AUTHORS Harrington, J. J., Sherf, B., Pundlett, S., Jackson, P. D., Perry, R.,

Cain, S., Leventhal, C., Thornton, M., Ramachandran, R., Whittington, J.,

Lerner, T., Costanzo, D., McElligott, K., Dwyer, S., Mays, P., Smith,

E., Veloso, N., Klika, A., Hess, J., Cothren, K., Lo, K., Offenbacher,

J., Benzig, J., and Ducar, M.

TITLE Creation of genome-wide protein expression libraries using random

activation of gene expression

JOURNAL Nat. Biotechnol. 19 (5): 440-445 (2001)

MEDLINE 2127151

COMMENT Contact: Scott J. Cain

Athersys, Inc.

3201 Carnegie Ave., Cleveland, OH 44115, USA

Tel: 216 431 9900

Fax: 216 361 9596

Email: scain@atersys.com

High quality sequence stop: 104.

Location/Qualifiers

1..130

/organism="Homo sapiens"

/db_xref="taxon:9606"

/clone_lib="Athersys RAGE Library"

/cell_line="HT1080"

/note="See 'Creation of Genome-wide Protein Expression

Libraries using Random Activation of Gene Expression',

Nature Biotechnology, in press. Note that even though the

cell type indicated is HT1080, since a random activation

method was used, these sequence tags are not necessarily

expressed in HT1080 under normal circumstances."

BASE COUNT 51 a 22 c 27 g 30 t

ORIGIN

Alignment Scores:

Pred. No.:

Score:

Percent Similarity:

Best Local Similarity:

Query Match:

DB:

1.01e+03

28.00

100.00%

Conservative: 0

Mismatches: 0

Indels: 0

Gaps: 0

US-09-856-070-26 (1-5) x BG219430 (1-140)

QY 1 GlnAspTyrgluGlu 5

|||||

DB 66 CAAGATTACGAGAG 80

RESULT 5

LOCUS BH719297

DEFINITION BH719297

ACCESSION BH719297

VERSION BH719297.1 GI:18818801

KEYWORDS EST.

SOURCE Brassica oleracea.

ORGANISM Brassica oleracea

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;

Rosidae; eurosids II; Brassicales; Brassicaceae; Brassica.

REFERENCE 1 (bases 1 to 136)

AUTHORS Town, C. D., Van Aken, S., Utterback, T., and Fraser, C. M.

TITLE Whole genome shotgun sequencing of Brassica oleracea

JOURNAL Unpublished (2001)

COMMENT Other GSSs: BG2626TF

Contact: Chris Town

TIGR

9712 Medical Center Drive, Rockville, MD 20850, USA.

Tel: 301-938-1523

Fax: 301-838-0208

Email: cdtown@tigr.org

DNA is from a doubled haploid provided by Tom Osborn.

Seq primer: TP

Class: sheared ends.

Location/Qualifiers

1..136

/organism="Brassica oleracea"

/strain="Tol000003"

/db_xref="taxon:3712"

/clone="BOM262"

/clone_lib="BO_2_3_KH"

/note="Vector: pHS1; Site 1: BstXI; 2-3 kb sheared

genomic DNA inserted into pHS1 using BstXI linkers"

BASE COUNT 24 a 38 c 21 g 53 t

ORIGIN

Alignment Scores:

Pred. No.:

Score:

Percent Similarity:

Best Local Similarity:

Query Match:

DB:

1.08e+03

28.00

100.00%

Conservative: 0

Mismatches: 0

Indels: 0

Gaps: 0

US-09-856-070-26 (1-5) x BH719297 (1-136)

QY 1 GlnAspTyrgluGlu 5

|||||

DB 42 CAAGATTACGAGAA 28

RESULT 6

LOCUS BG216901

DEFINITION BG216901

ACCESSION BG216901

VERSION BG216901.1 GI:13742922

KEYWORDS EST.

SOURCE human.

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1 (bases 1 to 137)

AUTHORS Harrington, J. J., Sherf, B., Pundlett, S., Jackson, P. D., Perry, R.,

Cain, S., Leventhal, C., Thornton, M., Ramachandran, R., Whittington, J.,

Lerner, T., Costanzo, D., McElligott, K., Dwyer, S., Mays, P., Smith,

E., Veloso, N., Klika, A., Hess, J., Cothren, K., Lo, K., Offenbacher

J., Danzig, J., and Ducar, M.
 Creation of genome-wide protein expression libraries using random
 activation of gene expression
 Nat. Biotechnol. 19 (5), 440-445 (2001)
 MEDLINE 21227151
 COMMENT
 Contact: Scott J. Cain
 Athersys, Inc.
 3201 Carnegie Ave., Cleveland, OH 44115, USA
 Tel: 216 431 9900
 Fax: 216 361 9596
 Email: scain@athersys.com
 High quality sequence stop: 139.
 Location/Qualifiers
 1..137
 /organism="Homo sapiens"
 /db_xref="taxon:9606"
 /clone_lib="Athersys RAGE Library"
 /cell_line="HT1080"
 /note="See 'Creation of Genome-wide Protein Expression
 Libraries using Random Activation of Gene Expression',
 Nature Biotechnology, in press. Note that even though the
 cell type indicated is HT1080, since a random activation
 method was used, these sequence tags are not necessarily
 expressed in HT1080 under normal circumstances."

FEATURES

source

BASE COUNT 33 a 31 c 23 g 50 t
 ORIGIN
 Alignment Scores:
 Pred. No.: 1.09e+03 Length: 137
 Score: 28.00 Matches: 5
 Percent Similarity: 100.00% Conservatives: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 Db: 12 Caps: 0
 US-09-856-070-26 (1-5) x HG215901 (1-137)

QY 1 GluAspTyrGluGlu 5

Db 72 CAGATTACGAAACAG 60

RESULT 7

HG192494
 LOCUS HG192494 139 bp mRNA linear EST 21-APR-2001
 DEFINITION RST11508 Athersys PAGE Library Homo sapiens cDNA, mRNA sequence
 ACCESSION HG192494
 VERSION HG192494.1 GI:13714081
 KEYWORDS EST.
 SOURCE human.
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
 1 (bases 1 to 139)
 Harrington, J., Sherf, R., Fundlett, S., Jackson, P.D., Perry, R.,
 Cain, S., Leventhal, C., Thornton, M., Ramachandran, R., Whittington, J.,
 Lerner, L., Costanzo, D., McElligott, K., Beezer, S., Mays, R., Smith,
 E., Veloso, N., Klika, A., Hess, J., Cothren, K., Lo, K., Ollenbacher,
 J., Danzig, J., and Ducar, M.
 Creation of genome-wide protein expression libraries using random
 activation of gene expression
 Nat. Biotechnol. 19 (5), 440-445 (2001)

TITLE
 JOURNAL
 MEDLINE 21227151
 COMMENT
 Contact: Scott J. Cain
 Athersys, Inc.
 3201 Carnegie Ave., Cleveland, OH 44115, USA
 Tel: 216 431 9900
 Fax: 216 361 9596
 Email: scain@athersys.com
 High quality sequence stop: 139.
 Location/Qualifiers
 1..139
 /organism="Homo sapiens"
 /db_xref="taxon:9606"

FEATURES

source

/clone_lib="Athersys RAGE Library"
 /cell_line="HT1080"
 /note="See 'Creation of Genome-wide Protein Expression
 Libraries using Random Activation of Gene Expression',
 Nature Biotechnology, in press. Note that even though the
 cell type indicated is HT1080, since a random activation
 method was used, these sequence tags are not necessarily
 expressed in HT1080 under normal circumstances."

BASE COUNT 35 a 30 c 23 g 50 t
 ORIGIN

Alignment Scores:

Pred. No.: 1.11e+03 Length: 139
 Score: 28.00 Matches: 5
 Percent Similarity: 100.00% Conservatives: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 Db: 12 Caps: 0

US-09-856-070-26 (1-5) x HG192394 (1-139)

QY 1 GluAspTyrGluGlu 5

Db 74 CAGATTACGAAACAG 60

RESULT 8

HG193988
 LOCUS HG193988 139 bp mRNA linear EST 21-APR-2001
 DEFINITION RST11140 Athersys PAGE Library Homo sapiens cDNA, mRNA sequence.
 ACCESSION HG193988
 VERSION HG193988.1 GI:13715675
 KEYWORDS EST.
 SOURCE human.
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Hominiidae; Homo.
 1 (bases 1 to 139)
 Harrington, J., Sherf, R., Fundlett, S., Jackson, P.D., Perry, R.,
 Cain, S., Leventhal, C., Thornton, M., Ramachandran, R., Whittington, J.,
 Lerner, L., Costanzo, D., McElligott, K., Beezer, S., Mays, R., Smith,
 E., Veloso, N., Klika, A., Hess, J., Cothren, K., Lo, K., Ollenbacher,
 J., Danzig, J., and Ducar, M.
 Creation of genome-wide protein expression libraries using random
 activation of gene expression
 Nat. Biotechnol. 19 (5), 440-445 (2001)

TITLE
 JOURNAL
 MEDLINE 21227151
 COMMENT
 Contact: Scott J. Cain
 Athersys, Inc.
 3201 Carnegie Ave., Cleveland, OH 44115, USA
 Tel: 216 431 9900
 Fax: 216 361 9596
 Email: scain@athersys.com
 High quality sequence stop: 139.
 Location/Qualifiers
 1..139
 /organism="Homo sapiens"
 /db_xref="taxon:9606"
 /clone_lib="Athersys RAGE Library"
 /cell_line="HT1080"
 /note="See 'Creation of Genome-wide Protein Expression
 Libraries using Random Activation of Gene Expression',
 Nature Biotechnology, in press. Note that even though the
 cell type indicated is HT1080, since a random activation
 method was used, these sequence tags are not necessarily
 expressed in HT1080 under normal circumstances."

FEATURES

source

BASE COUNT 32 a 31 c 23 g 53 t
 ORIGIN

Alignment Scores:

Pred. No.: 1.11e+03 Length: 139
 Score: 28.00 Matches: 5
 Percent Similarity: 100.00% Conservatives: 0
 Best Local Similarity: 100.00% Mismatches: 0

Query Match: 100.00% Indels: 0
 DB: 12 Gaps: 0

US-09-856-070-26 (1-5) x HG193988 (1-139)

QY 1 GlnAspTyrGluGlu 5
 DB 74 CAAGATTACGAAGAG 60

RESULT 9
 Locus A1130110
 DEFINITION SW09L3CAN40604 Onchocerca volvulus infective larva cDNA
 (SAW94WL-OVL3) Onchocerca volvulus cDNA clone encodes 5' similar
 to WP_122355.5 CRO4394 PROTONIN T-LEKE PROTEIN, contains element L1
 L1 repetitive element // mRNA sequence.

ACCESSION A1130110
 VERSION A1130110.1 GI:3600128

KEYWORDS EST.
 SOURCE Onchocerca volvulus.

ORGANISM Onchocerca volvulus

Eukaryota; Metazoa; Nematoda; Chromadorea; Spirurida; Filarioidea;
 Onchocercidae; Onchocerca.

REFERENCE 1 (bases 1 to 142)

AUTHORS Williams, S. A., Livio-Waniewski, M., Laury, S., Wenkova, J., Hillier,
 L., Allen, M., Bowles, L., Geisel, S., Jost, S., Kucaba, T., Martin, J.,
 Steptoe, M., Theising, B., White, Y., Wyllie, T., Chapman, J., Pearson, R.,
 Gibbons, M., Harvey, N., Page, D., Chamberlain, A., Morales, R.,
 Schurk, F., Pitter, F., Kohn, S., Underwood, K. and Maria, M.

TITLE Molecular Parasitology OVL3

JOURNAL Unpublished (1998)

COMMENT Contact: Steven A. Williams

Molecular Parasitology

Smith College Department of Biological Sciences

Department of Biological Sciences, Clark Science Center, Smith

College, Northampton, MA, 01063, USA

Tel: 4135853826

Fax: 4135853786

Email: genome@smith.edu

The library was constructed by Wenkova et al. The library is available
 from Dr. S.A. Williams, email genome@smith.edu when requesting this
 clone from Dr. Williams, please reference the Williams lab clone id
 - SW09L3CAN40D04

Trace considered overall poor quality

putative full length read

The vector to vector length is 316

Possible reversed clone: Similarity on wrong strand

Seq primer: T3 Et from Amerisham

High quality sequence stop: 1.

Location/Qualifiers

FEATURES

Source

1..142

/organism="Onchocerca volvulus"

/strain="Sierra Leone"

/db_xref="taxon:6282"

/db_xref="taxon:6282"

/clone="onchi856"

/clone.lib="Onchocerca volvulus infective larva cDNA"

(SAW94WL-OVL3)

/lab_host="X11-Rue MRP"

/note="Vector: Lambda UniZap XR; Site 1: PstI; Site 2:

Xho I; Clonaseous filarial nematode parasite of humans.

mRNA was prepared from third stage infective larvae of

Onchocerca volvulus isolated from mosquitoes 10 days after

infection and converted to double stranded cDNA using

reverse transcriptase and oligo(dT) followed by RNase H

and DNase I. The library had 1.8 x 10E5 independent

recombinants and average insert size was 900 base pairs.

The library was constructed by Wenkova et al. The library is

available from Dr. S.A. Williams, email genome@smith.edu."

BASE COUNT

ORIGIN

Alignment Scores:

Pred. No.:

1..142e+03

Length:

142

Score: 28.00 Matches: 5
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 DB: 9 Gaps: 0

US-09-856-070-26 (1-5) x A1130110 (1-142)

QY 1 GlnAspTyrGluGlu 5

DB 107 CAAGATTACGAAGAA 121

RESULT 10

BE170585

DEFINITION

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

1 (bases 1 to 148)

US 09-856-070-26 (1-5) x B6170685 (1-148)

QY 1 GlnAspTyrGluGlu 5
|||||

Db 36 CAGCATATCAAGAA 50

RESULT 11

LOCUS B6192932

DEFINITION B6192932 Athersys RAGE Library Homo sapiens cDNA, mRNA sequence

VERSION B6192932.1

KEYWORDS EST

SOURCE human

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominoidea; Homo.

1 (bases 1 to 154)

Harrington, J.J., Sherf, B., Rundlett, S., Jackson, P.D., Perry, K.,

Calin, S., Iwental, C., Thornton, M., Ramachandran, R., Whittington, A.,

Lerner, L., Costanzo, D., McEligott, K., Boozar, S., Mays, R., Smith,

E., Veloso, N., Klika, A., Hess, J., Cothren, K., Lo, K., Offenbacher,

J., Danzig, J., and Bucar, M.

Creation of genome wide protein expression libraries using random

activation of gene expression

Nat. Biotechnol. 19 (5), 440-445 (2001)

2127151

Contact: Scott, J. Cain

Athersys, Inc.

1201 Carnegie Ave., Cleveland, OH 44115, USA

Tel: 216 431 9400

Fax: 216 461 9596

Email: scott@atersys.com

High quality sequence stop: 154.

FEATURES

Source

1..154

/organism="Homo sapiens"

/db_xref="taxon:9606"

/clone_lib="Athersys RAGE Library"

/cell_line="HT1080"

/note="See 'Creation of Genome-wide Protein Expression

libraries using Random Activation of Gene Expression',

Nature Biotechnology, in press. Note that even though the

cell type indicated is HT1080, since a random activation

method was used, these sequence tags are not necessarily

expressed in HT1080 under normal circumstances."

BASE COUNT 62 a 24 c 30 q 38 t

ORIGIN

Alignment Scores:

Pred. No.: 1.28e+03 Length: 154

Score: 28.00 Matches: 5

Percent Similarity: 100.00% Conservative: 0

Best Local Similarity: 100.00% Mismatches: 0

Query Match: 100.00% Indels: 0

DB: 12 Gaps: 0

US-09-856-070-26 (1-5) x B6192932 (1-154)

QY 1 GlnAspTyrGluGlu 5

|||||

Db 71 CAGCATATCAAGAG 85

RESULT 12

LOCUS B6844888

DEFINITION B6844888

VERSION B6844888.1

KEYWORDS EST

SOURCE human

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominoidea; Homo.

Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominoidea; Homo.

1 (bases 1 to 157)

Kim, N.S., Hahn, Y., Oh, J.H., Lee, J.Y., Ahn, H.Y., Chu, M.Y., Kim, M.R.,

Oh, K.J., Cheong, J.F., Sohn, H.Y., Kim, J.M., Park, H.S., Kim, S., and

Kim, Y.S.

21C Frontier Korean ISI Project 2001

Unpublished (2002)

Contact: Kim YS

Genome Research Center

Korea Research Institute of Bioscience & Biotechnology

52 Eoeun-dong Yusong-gu, Taejeon 305-333, South Korea

Tel: +82-42-860-4470

Fax: +82-42-860-4409

Email: yonsung@mail.kribb.re.kr

Plate: 93 row: F column: 08

High quality sequence stop: 157.

FEATURES

Source

1..157

/organism="Homo sapiens"

/db_xref="taxon:9606"

/clone_lib="S12SN9216-93-F08"

/cell_line="S12SN9216"

/sex="F"

/tissue_type="lymph node"

/cell_type="Epithelial"

/lab_host="Top10F"

/note="Organ: Stomach; Vector: pCNS; Site_1: EcoRI;

Site_2: NotI; The poly (A) RNA was diphosphorylated with

bacterial alkaline phosphatase (BAP) and then dephosphorylated

with tobacco acid pyrophosphatase (TAP). The dephosphorylated

intact mRNA was ligated with DNA-RNA linker including EcoR

I site by treatment of T4 RNA ligase and the first strand

cDNA was synthesized from oligo dT-selected mRNA by

priming with dT-tailed vector. The dT-tailed vector was

adjusted to have about 60nt. The cDNA vector was

circularized with E. coli DNA ligase after digestion of

EcoRI which site is also included in vector. An RNA strand

converted to a DNA strand by Okayama-Berg method. The

obtained cDNA vectors were used for transfection of

competent cells E. coli Top10F by electroporation method.

The cDNA libraries constructed by this method are

full-length enriched cDNA library."

BASE COUNT 61 a 30 c 32 q 34 t

ORIGIN

Alignment Scores:

Pred. No.: 1.31e+03 Length: 157

Score: 28.00 Matches: 5

Percent Similarity: 100.00% Conservative: 0

Best Local Similarity: 100.00% Mismatches: 0

Query Match: 100.00% Indels: 0

DB: 14 Gaps: 0

US-09-856-070-26 (1-5) x B6844888 (1-157)

QY 1 GlnAspTyrGluGlu 5

|||||

Db 39 CAGCATATCAAGAA 53

RESULT 13

LOCUS B6867176

DEFINITION B6867176

VERSION B6867176.1

KEYWORDS EST

SOURCE human

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Hominoidea; Homo.

1 (bases 1 to 159)

AUTHORS

Dias Neto, P., Garcia Correa, R., Verjovski-Almeida, S., Briones, M.E., Nagai, M.A., da Silva, W. Jr., Zago, M.A., Bordin, S., Costa, F.F., Goldman, G.H., Matsukuma, A.F., Matsukuma, A., Bal, G.S., Simpson, D.H., Brunstein, A., de Oliveira, P.S., Bucher, P., Jongeneel, C.V., O'Hare, M.J., Soares, F., Brentani, R.R., Reis, L.F., de Souza, S.J. and Simpson, A.J.J.

TITLE

Shotgun sequencing of the human transcriptome with ORF expressed sequence tags

JOURNAL

Proc Natl Acad Sci U S A. 97 (7). 3491-3496 (2000)

MEDLINE

20002663

COMMENT

Contact: Simpson A.J.J.
Laboratory of Cancer Genetics
Ludwig Institute for Cancer Research
Rua Prof. Antonio Prudente 109, 4 andar, 01509-010, Sao Paulo SP, Brazil
Tel: +55-11-2704922
Fax: +55-11-2707001
Email: asimpson@ludwig.org.br

This sequence was derived from the FANTASY/LICR Human Cancer Genome Project. This entry can be seen in the following URL:
(http://www.ludwig.org.br/scripts/gethtml2.pl?tl=512-MPL-SN0045-060
400-001-402&t3=2000-04-06&t4=1)
Seq primer: puc 18 forward
High quality sequence start: 4
High quality sequence stop: 159.

FEATURES

source

1..159
/location/qualifiers
/organism="Homo sapiens"
/db_xref="taxon:9606"
/clone_lib="SN0045"
/dev_stage="Adult"

/note="Organ: stomach; normal; Vector: puc18, Site_1: Sma1; Site_2: Sma1; A mini-library was made by cloning products derived from ORESTES PCR (U.S. Letters Patent application No. 196,716 - Ludwig Institute for Cancer Research) profiles into the pUC 18 vector. Reverse transcription of tissue mRNA and cDNA amplification were performed under low stringency conditions."

BASE COUNT

50 a 40 c 29 g 31 t

Alignment Scores:

Pred. No.: 1 34.03 Length: 159
Score: 28.00 Matches: 5
Percent Similarity: 100.00% Conservations: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 10 Gaps: 0

US-09-856-070-26 (1-5) x AW867176 (1-159)

QY

1 GlnAspTyrGluGlu 5

|||||

DB

42 CAAGACTACGAGAA 50

RESULT 14

B1013708

PM3-ET0207-230101-306-a03 ET0207 Homo sapiens cDNA, mRNA sequence

EST.

1 (bases 1 to 164)

Accession

Version

Keywords

Source

Organism

Reference

Authors

Human

Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates, Catarrhini, Hominidae; Homo.

1 (bases 1 to 164)

Dias Neto, P., Garcia Correa, R., Verjovski-Almeida, S., Briones, M.E.,

Nagai, M.A., da Silva, W. Jr., Zago, M.A., Bordin, S., Costa, F.F.,

Goldman, G.H., Matsukuma, A.F., Matsukuma, A., Bal, G.S., Simpson, D.H.,

Brunstein, A., de Oliveira, P.S., Bucher, P., Jongeneel, C.V., O'Hare

M.J., Soares, F., Brentani, R.R., Reis, L.F., de Souza, S.J. and

Simpson, A.J.J.

TITLE

Shotgun sequencing of the human transcriptome with ORF expressed sequence tags

JOURNAL

Proc Natl Acad Sci U S A. 97 (7). 3491-3496 (2000)

MEDLINE

20002663

COMMENT

Contact: Simpson A.J.J.
Laboratory of Cancer Genetics
Ludwig Institute for Cancer Research
Rua Prof. Antonio Prudente 109, 4 andar, 01509-010, Sao Paulo SP, Brazil
Tel: +55-11-2704922
Fax: +55-11-2707001
Email: asimpson@ludwig.org.br

This sequence was derived from the FANTASY/LICR Human Cancer Genome Project. This entry can be seen in the following URL:
(http://www.ludwig.org.br/scripts/gethtml2.pl?tl=512-MPL-SN0045-060
400-001-402&t3=2000-04-06&t4=1)
Seq primer: puc 18 forward
High quality sequence stop: 161.

FEATURES

source

1..164
/location/qualifiers
/organism="Homo sapiens"
/db_xref="taxon:9606"
/clone_lib="ET0207"
/dev_stage="Adult"

/note="Organ: lung; tumor; Vector: puc18, Site_1: Sma1; Site_2: Sma1; A mini-library was made by cloning products derived from ORESTES PCR (U.S. Letters Patent application No. 196,716 - Ludwig Institute for Cancer Research) profiles into the pUC 18 vector. Reverse transcription of tissue mRNA and cDNA amplification were performed under low stringency conditions."

BASE COUNT

29 a 33 c 57 g 45 t

Alignment Scores:

Pred. No.: 1 40.03 Length: 164
Score: 28.00 Matches: 5
Percent Similarity: 100.00% Conservations: 0
Best Local Similarity: 100.00% Mismatches: 0
Query Match: 100.00% Indels: 0
DB: 13 Gaps: 0

US-09-856-070-26 (1-5) x B1013708 (1-164)

QY

1 GlnAspTyrGluGlu 5

|||||

DB

164 CAAGACTACGAGAA 150

RESULT 15

AZ227319

PM3-23-4918 TV P01-23 Mus musculus genomic clone RPCI-23-4918,

DNA sequence

Accession

Version

Keywords

Source

Organism

Reference

Authors

Mouse

Homo sapiens

Eukaryota; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Rodentia; Sclerogamathi, Muridae, Mus.

1 (bases 1 to 167)

Zhao, S., Nicmar, W., Feldblyum, T., Malok, J., Shatsman, S., Akinret,

B., Levin, M., Medann, S., Tsegaye, G., Geer, K., Kroll, M., de Joud, P.

and Fraser, C.M.

Mouse RAC End Sequences from Library RPCI-23

Unpublished (1999)

Other GSSs: RPCI-23-4918.1J

Contact: Shaying Zhao

Department of Eukaryotic Genomics

The Institute for Genomic Research

9712 Medical Center Dr., Rockville, MD 20850, USA

Tel: 301 838 0200

Fax: 301 838 0208

Email: szhaost@tigr.org
 Clones are derived from the mouse BAC library RPCI-23. For BAC library availability, please contact Pieter de Jong (pieter@jmg.med.buffalo.edu). Clones may be purchased from BACPAC Resources (<http://bacpac.med.buffalo.edu/orderingframe.htm>) or from ResGen Genetics (info@resgen.com). BAC end page: http://www.tigr.org/tldb/bac_ends/mouse/bac_end_intro.html
 plate: 49 row: 1 column: 8
 Seq primer: 17

Class: BAC ends.
 Location/Qualifiers
 1..167
 /organism="Mus musculus"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="RPCI-23-4918"
 /clone_lib="RPCI-23"
 /sex="Female"
 /lab_host="DH10B"
 /note="organ: Kidney/brain; Vector: pBAC3.6; Site_1: EcoRI; Site_2: EcoRI; Female C57BL/6J mouse kidney and/or brain genomic DNA was isolated and partially digested with a combination of EcoRI and EcoRI Methylase. Size selected DNA was cloned into the pBAC3.6 vector at the EcoRI sites. The ligation products were transformed into DH10B electrocompetent cells (BRL Life Technologies)."
 BASE COUNT 44 a 27 c 25 g 71 t
 ORIGIN

Alignment Scores:
 Pred. No.: 1.44e-03 Length: 167
 Score: 28.00 Matches: 5
 Percent Similarity: 100.00% Conservative: 0
 Best Local Similarity: 100.00% Mismatches: 0
 Query Match: 100.00% Indels: 0
 DB: 17 Gaps: 0

US 09-856-070-26 (1-5) x A2227319 (1-167)

QY 1 GlnAspIyrGlaGlu 5
 |||||
 DB 159 CAGGACTATGAGAA 145

Search completed: January 16, 2003, 21:37:14
 Job time : 664.571 secs